

Notice of Allowability

Application No.

10/751,499

Examiner

Dalena Tran

Applicant(s)

TAGUCHI ET AL.

Art Unit

3664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/15/07.
2. ☒ The allowed claim(s) is/are 1,3-4,7-9,12-17(now renumbered as 1-12).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |



EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

1. This communication is an Examiner's reasons for allowance in response to application filed on 1/6/04, assigned serial 10/751499 and title "Sensor ID registration method of tire air pressure monitoring apparatus".
2. The following is the Examiner's statement of reasons for the indication of allowable subject matter:

After carefully reviewing the application in light of the amended claims and the additional search of all the possible areas relevant to the present application, a set of related prior art references has been found, but those prior art references are not deemed strong to make the application unpatentable. Thus, it is found that the application is now in condition for allowance.

As per claim 1, the prior art of record does not disclose a method for providing registration of a sensor identification associated with a tire air pressure monitoring apparatus, the tire air pressure monitoring apparatus comprising a transmitter for measuring tire air pressure and for transmitting transmission data including measured air pressure and sensor identification in a communication to a receiver and an external unit, the method comprising: comparing the sensor identification with a previously set sensor identification; registering the sensor identification in the receiver through a communication between the external unit and the receiver if the sensor identification matches the previously set sensor identification; determining if the transmitter has initially been registered at the receiver; receiver; and registering the sensor identification for the transmitter when the transmitter has been determined not to have been initially registered; wherein when it is determined that the transmitter has been initially registered at the receiver, registering a new transmitter identification for the transmitter if the

transmitter has been selected to be rewritten. This limitation in combination with the other elements in the claim was not shown or suggested by the prior art.

As per claim 8, the prior art of record does not disclose a method for providing identification registration for a tire air pressure monitoring apparatus, the tire air pressure monitoring apparatus comprised of a plurality of transmitters and a receiver, the method comprising: identifying each of the plurality of transmitters from the plurality of sensor identification data, wherein the identifying comprises determining if each of the plurality of sensor identification data matches with each of a plurality of set identification data stored in a receiver memory and repeating the identifying if no match is determined; wherein when it is determined that the each of the plurality of transmitters has been initially registered at the receiver, registering a new transmitter identification for the each of the plurality of transmitters if the each of the plurality of transmitters has been selected to be rewritten. This limitation in combination with the other elements in the claim was not shown or suggested by the prior art.

As per claim 12, the prior art of record does not disclose a method for registering a sensor associated with a tire air pressure monitoring apparatus, the tire air pressure monitoring apparatus comprising a transmitter for measuring tire air pressure and for transmitting data including measured air pressure and sensor identification data to a receiver, the method comprising: with an external unit, determining whether the sensor identification data received by the external unit from the transmitter and a previously entered sensor identification information identify the same transmitter; registering the sensor in the receiver through a communication between the external unit and the receiver if it is determined that the sensor identification data

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and the sensor identification information identify the same transmitter. This limitation in combination with the other elements in the claim was not shown or suggested by the prior art.

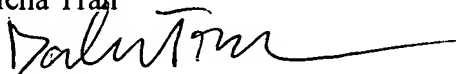
Claims 1, 3-4, 7-9, and 12-17, are allowable over the prior art of record.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dalena Tran whose telephone number is 571-272-6968. The examiner can normally be reached on M-W (in a first week of a bi-week), and T-R (in a second week of bi-week) from 7:00AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Khoi H. Tran can be reached on 571-272-6919. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Patent Examiner
Dalena Tran



January 2, 2008

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

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P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10751499	1/6/04	TAGUCHI ET AL.	01-537

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12040 SOUTH LAKES DRIVE
SUITE 101
RESTON, VA 20191

EXAMINER

Dalena Tran

ART UNIT	PAPER
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3664

20080102

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

The drawing filed on 1/6/04, and 10/15/07 has been approved.